

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.13
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2017 - 4/18/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Gilbert Labrie			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0554_01_f_2014_3				
Comment Code					
Inspector Comment					
The district is prepared to partner with neighboring Districts as in the past.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0554_01_f_2014_35				
Comment Code					
Inspector Comment					
The district has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	36
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0554_01_f_2014_36				
Comment Code					
Inspector Comment					
The district shares with neighboring district, RD 551.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.02	Rating **	M	Issue No.	38
LM End	0.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.249553 °	38.249553 °
				-121.509954 °	-121.509954 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43726 DS_ID:18976 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to verify status of crossing with town of Locke. FIELD_STRUCT_DESC: Waterline of unknown diameter through the levee at unknown depth. Likely a 1 or 2-inch galvanized iron pipe. Crosses levee just south of concrete block pumphouse on WS shoulder and terminates at well house off LS toe. Gatevalve next to corner of pumphouse off LS toe. Drawings depicting approximate location available in PN: 12944. FS Date: 3/4/2015 4:49:00 PM					

Photo 1 of 3 : UCIP_SP_2017_43726_73282.jpg



Pumphouse off LS toe.

LM Start	0.02	Rating **	M	Issue No.	38 (cont)
LM End	0.02	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_43726_73281.jpg



Pump over well inside pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.02	Rating **	M	Issue No.	38 (cont)	
LM End	0.02	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.249553 °		38.249553 °
				-121.509954 °		-121.509954 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43726 DS_ID:18976 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to verify status of crossing with town of Locke. FIELD_STRUCT_DESC: Waterline of unknown diameter through the levee at unknown depth. Likely a 1 or 2-inch galvanized iron pipe. Crosses levee just south of concrete block pumphouse on WS shoulder and terminates at well house off LS toe. Gatevalve next to corner of pumphouse off LS toe. Drawings depicting approximate location available in PN: 12944. FS Date: 3/4/2015 4:49:00 PM						

Photo 3 of 3 : UCIP_SP_2017_43726_73280.jpg



Gatevalve at corner of pumphouse on LS toe.

LM Start	0.02	Rating **	U	Issue No.	39
LM End	0.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.249538 °	38.249538 °
				-121.509959 °	-121.509959 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50026 DS_ID:20915 EP_NO: 3360 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 7/25/2016 Coordinated with District Engineer, Gilbert Labrie with DCC Engineering. He will investigate the pipe and coordinate with PG&E to find out additional information regarding the fate of the pipe. (DWR UCIP - omagana)3/04/2015 No markers found. Need to contact owner to determine status of crossing. Recommend having owner install markers per CVFPB Title 23 for active pressure line. Owner will need to coordinate with CVFPB. (DWR UCIP - omagana) FIELD_STRUCT_DESC: Gas line along and through the levee, 3.5 feet below the crown. (Permit No. 3360, 1962 - Pacific Gas and Electric Company (PG&E)) FS Date: 7/25/2016					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.08	Rating **	U	Issue No.	40
LM End	0.08	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.248643 °	38.248643 °
				-121.509850 °	-121.509850 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42146					
DS_ID:20946					
EP_NO: 5607					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No markers. Valves abandoned on landward side--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: Abandoned three 4-inch steel petroleum pipes through the levee, 22.5 feet below the crown. Pipes placed in 8-inch pipe casing through the levee and plugged with concrete. Abandoned under Permit No. 5607 (1966).					
FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_SP_2017_42146_58463.jpg



Valves located on landward side.

LM Start	0.08	Rating **	U	Issue No.	31
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.248638 °	38.244872 °
				-121.509872 °	-121.511600 °
DWR ID	DWR_RD0554_01_f_2016_31				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the levee slope along the waterside levee section.					

Photo 1 of 1 : SP_2017_RD0554_176_31_20170404_00007.jpg



Looking downstream waterside levee slope from levee mile 0.08-0.30.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.10	Rating **	U	Issue No.	11
LM End	0.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.248262 °	38.248262 °
				-121.509901 °	-121.509901 °
DWR ID	DWR_RD0554_01_s_2014_11				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This is not a new erosion site, repairs are needed. One tree has fallen into the Sac River at the erosion site. This site can be seen better from the river by boat. The wild grapes blocks the view from the waterside shoulder looking down the slope.					

Photo 1 of 1 : SP_2017_RD0554_176_11_20170509_00057.jpg



RD 554 Waterside levee slope erosion into the bank, the wild vegetation growth blocks the view.

LM Start	0.12	Rating **	A	Issue No.	29
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.248035 °	38.245601 °
				-121.509925 °	-1,221.511004 °
DWR ID	DWR_RD0554_01_s_2017_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No unwanted vegetation at this location levee mile 0.12-0.30 landward.					

No Photos

LM Start	0.26	Rating **	M	Issue No.	1
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.246222 °	38.245017 °
				-121.510878 °	-121.511740 °
DWR ID	DWR_RD0554_01_f_2016_1				
Comment Code					
Inspector Comment					
2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013 - Short vertical sections at bank toe. 2015: No observed changes. [2015 Site ID: SAC_27-0_L]					

Photo 1 of 2 : SP_2017_RD0554_176_1_20170404_00001.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.26	Rating **	M	Issue No.	1 (cont)	
LM End	0.36	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2015 USACE Erosion Survey, DRAFT			38.246222 °		38.245017 °
				-121.510878 °		-121.511740 °
DWR ID	DWR_RD0554_01_f_2016_1					
Comment Code						
Inspector Comment						
2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013 - Short vertical sections at bank toe. 2015: No observed changes. [2015 Site ID: SAC_27-0_L]						

Photo 2 of 2 : SP_2017_RD0554_176_1_20170404_00002.jpg



USACE 2013 Photo #2

LM Start	0.27	Rating **	M	Issue No.	41
LM End	0.27	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.246093 °	38.246093 °
				-121.510731 °	-121.510731 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32018					
DS_ID:20897					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine status of crossing--was crossing removed during erosion repair site in 2007-2009? Need to coordinate with LMA or owner to obtain additional information about crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch pipe through the levee, 1.0-foot below the crown. Concrete pump pad on the waterward slope.					
O+M manual entry at RM 27.00, 1959.					
FS Date: 3/12/2014					

Photo 1 of 3 : UCIP_SP_2017_32018_58469.jpg



Concrete U wall located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.27	Rating **	M	Issue No.	41 (cont)
LM End	0.27	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.246093 °	38.246093 °
				-121.510731 °	-121.510731 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32018					
DS_ID:20897					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine status of crossing--was crossing removed during erosion repair site in 2007-2009? Need to coordinate with LMA or owner to obtain additional information about crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch pipe through the levee, 1.0-foot below the crown. Concrete pump pad on the waterward slope.					
O+M manual entry at RM 27.00, 1959.					
FS Date: 3/12/2014					

LM Start	0.27	Rating **	M	Issue No.	41 (cont)
LM End	0.27	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_32018_58468.jpg



Concrete vault located on waterward side. Site is a erosion repair site.

Photo 3 of 3 : UCIP_SP_2017_32018_58467.jpg



Concrete face no outlet visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.32	Rating **	U	Issue No.	13
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.245389 °	38.245389 °
				-121.511085 °	-121.511085 °
DWR ID	DWR_RD0554_01_s_2014_13				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion isn't repaired to date. Needs repairing.					

Photo 1 of 2 : SP_2017_RD0554_176_13_20170404_00004.jpg



This erosion along the landside levee slope is not new, it was reported two years ago.

LM Start	0.32	Rating **	U	Issue No.	13 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0554_176_13_20170404_00005.jpg



This erosion site along the landside slope levee 0.32 has been reported and has not been repaired.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.33	Rating **	U	Issue No.	42
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42143 DS_ID:20922 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee. FIELD_STRUCT_DESC: 1 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20). FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_SP_2017_42143_60800.jpg



Tank found on landward side.

LM Start	0.33	Rating **	U	Issue No.	43
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42144 DS_ID:20932 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee. FIELD_STRUCT_DESC: 2 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20). FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_SP_2017_42144_60801.jpg



Fuel tank located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.33	Rating **	U	Issue No.	44
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42145					
DS_ID:20933					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No markers. Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee.					
FIELD_STRUCT_DESC: 3 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20).					
FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_SP_2017_42145_60802.jpg



Fuel tank located on landward side.

LM Start	0.35	Rating **	M	Issue No.	45
LM End	0.35	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study		38.245038 °	38.245038 °	
			-121.511473 °	-121.511473 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43694					
DS_ID:20899					
EP_NO: 5429					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Signs of open cut along crossing--no markers visible on waterward or landward side. Large across channel on right bank berm indicating cable through levee.					
FIELD_STRUCT_DESC: Four 4-inch iron conduits through the levee, at various depths below the crown (3.0-4.9 feet). Each conduit encases a shielded telephone cable. Concrete cutoff wall around pipes on landward levee shoulder. Riser pole off the landward levee toe. (Permit No. 5429-1967) Replacement telephone conduits were pulled through iron conduits under Permit No. 13417 (1983).					
FS Date: 3/4/2015					

Photo 1 of 3 : UCIP_SP_2017_43694_58063.jpg



Signs for conduits visible on right bank across channel. Conduits cross left bank, channel, and right bank.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.35	Rating **	M	Issue No.	45 (cont)	
LM End	0.35	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.245038 °		38.245038 °
				-121.511473 °		-121.511473 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43694						
DS_ID:20899						
EP_NO: 5429						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Signs of open cut along crossing--no markers visible on waterward or landward side. Large across channel on right bank berm indicating cable through levee.						
FIELD_STRUCT_DESC: Four 4-inch iron conduits through the levee, at various depths below the crown (3.0-4.9 feet). Each conduit encases a shielded telephone cable. Concrete cutoff wall around pipes on landward levee shoulder. Riser pole off the landward levee toe. (Permit No. 5429-1967) Replacement telephone conduits were pulled through iron conduits under Permit No. 13417 (1983).						
FS Date: 3/4/2015						

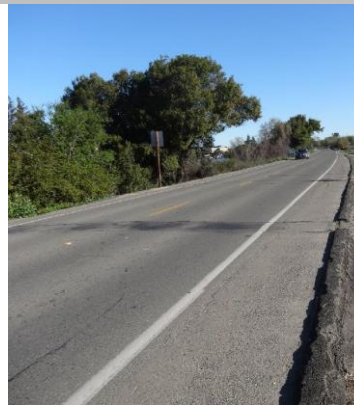
LM Start	0.35	Rating **	M	Issue No.	45 (cont)
LM End	0.35	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_43694_73221.jpg



View of waterside from landside shoulder. Cuts in pavement indicate presence of pipe trench across levee.

Photo 3 of 3 : UCIP_SP_2017_43694_58062.jpg



Signs of cut through levee at conduit.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.36	Rating **	A/W	Issue No.	15
LM End	0.37	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244872 °	38.244833 °
				-121.511600 °	-121.511673 °
DWR ID	DWR_RD0554_01_s_2014_15				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Veg. Site.					

No Photos

LM Start	0.52	Rating **	M	Issue No.	46
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43734 DS_ID:20901 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 1 of 3: 6-inch pipe through the levee, 5.5 feet below the crown. Pipe retained under ABO No. 11155 (1975). Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/12/2014					

Photo 1 of 3 : UCIP_SP_2017_43734_58085.jpg



Multiple lines through levee crown visible on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	46 (cont)	
LM End	0.52	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.243057 °		38.243057 °
				-121.513236 °		-121.513236 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43734 DS_ID:20901 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 1 of 3: 6-inch pipe through the levee, 5.5 feet below the crown. Pipe retained under ABO No. 11155 (1975). Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/12/2014						

Photo 2 of 3 : UCIP_SP_2017_43734_58083.jpg



Lines visible on waterward side.

LM Start	0.52	Rating **	M	Issue No.	46 (cont)
LM End	0.52	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_43734_73227.jpg



Cuts in pavement and lid for water valve visible from WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	47
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43735 DS_ID:20937 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 5.5 feet below the crown. Pipe retained under ABO No. 11155 (1975).Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/5/2015					

Photo 1 of 3 : UCIP_SP_2017_43735_58097.jpg



Multiple crossing visible on waterward shoulder.

LM Start	0.52	Rating **	M	Issue No.	47 (cont)
LM End	0.52	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_43735_58095.jpg



Crossings visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	47 (cont)
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43735 DS_ID:20937 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 5.5 feet below the crown. Pipe retained under ABO No. 11155 (1975).Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/5/2015					

Photo 3 of 3 : UCIP_SP_2017_43735_73255.jpg



Cuts in pavement visible from WS shoulder. Valve visible in roadway.

LM Start	0.52	Rating **	M	Issue No.	48
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43736 DS_ID:20938 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 3 of 3: 6-inch pipe through the levee, 10.5 feet below the crown. Pipe retained under ABO No. 11155 (1975).Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/5/2015					

Photo 1 of 3 : UCIP_SP_2017_43736_58091.jpg



View of multiple crossings through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	48 (cont)	
LM End	0.52	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.243057 °		38.243057 °
				-121.513236 °		-121.513236 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43736 DS_ID:20938 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 3 of 3: 6-inch pipe through the levee, 10.5 feet below the crown. Pipe retained under ABO No. 11155 (1975).Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/5/2015						

LM Start	0.52	Rating **	M	Issue No.	48 (cont)
LM End	0.52	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_SP_2017_43736_58089.jpg



Crossings visible on waterward shoulder.

Photo 3 of 3 : UCIP_SP_2017_43736_73259.jpg



Cuts in pavement visible from WS shoulder. Valve visible in roadway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.60	Rating **	M	Issue No.	49
LM End	0.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.242101 °	38.242101 °
				-121.514086 °	-121.514086 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32020					
DS_ID:20912					
EP_NO: 11154					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if this pipe section is the same one listed under 11154. Need to contact owner to determine status and obtain additional information about crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 9.8 feet below the crown. Pump on LS toe. Included in O+M manual at RM 26.66. Pipe retained under ABO No. 11154 (1975).					
FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_SP_2017_32020_58473.jpg



Steel pipe filled with concrete visible on landward shoulder.

LM Start	0.64	Rating **	M	Issue No.	50
LM End	0.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.241550 °	38.241550 °
				-121.514535 °	-121.514535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43805 DS_ID:25080 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found. Further investigation required. FIELD_STRUCT_DESC: 4-inch Cast iron Sewer pipe through the levee at an unknown depth. Pipe visible on bridge. Sewer cleanout on WS shoulder and cut in pavement visible in roadway. (Permit No. 870, 1941) FS Date: 3/5/2015					

Photo 1 of 3 : UCIP_SP_2017_43805_73320.jpg



Sewer cleanout on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.64	Rating **	M	Issue No.	50 (cont)
LM End	0.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.241550 °	38.241550 °
				-121.514535 °	-121.514535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43805 DS_ID:25080 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found. Further investigation required. FIELD_STRUCT_DESC: 4-inch Cast iron Sewer pipe through the levee at an unknown depth. Pipe visible on bridge. Sewer cleanout on WS shoulder and cut in pavement visible in roadway. (Permit No. 870, 1941) FS Date: 3/5/2015					

Photo 2 of 3 : UCIP_SP_2017_43805_73321.jpg



Pipe visible at bridge on WS shoulder.

LM Start	0.64	Rating **	M	Issue No.	50 (cont)
LM End	0.64	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_43805_73322.jpg



Cut in pavement at pipe alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.65	Rating **	A/W	Issue No.	4
LM End	0.82	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.241503 °	38.239527 °
				-121.514579 °	-121.516441 °
DWR ID	DWR_RD0554_01_s_2012_4				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Revegetation site.					

No Photos

LM Start	0.77	Rating **	U	Issue No.	33
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240088 °	38.238913 °
				-121.515938 °	-121.516948 °
DWR ID	DWR_RD0554_01_f_2016_33				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth other than native grasses along the shoulder of the waterside slope.					

Photo 1 of 1 : SP_2017_RD0554_176_33_20170509_00058.jpg



Looking downstream from levee mile 0.77 wild vegetation on the waterward slope and shoulder within the Veg. Site.

LM Start	0.88	Rating **	U	Issue No.	30
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238680 °	38.237930 °
				-121.517010 °	-121.516810 °
DWR ID	DWR_RD0554_01_f_2016_30				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
These trees along this stretch of levee need to be trimmed from ground up 5.0 feet so the slope can be seen.					

Photo 1 of 1 : SP_2017_RD0554_176_30_20170509_00059.jpg



Looking downstream at the wild growth on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	51
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32021 DS_ID:20941 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm how many sewer lines cross levee. Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch clay sewer pipe through the levee, 10.2 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.50). FS Date: 3/12/2014 2:06:00 PM					

Photo 1 of 3 : UCIP_SP_2017_32021_58475.jpg



Underground service alert (USA) markers confirming sewer line.

LM Start	0.89	Rating **	M	Issue No.	51 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_32021_58474.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	51 (cont)
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32021 DS_ID:20941 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm how many sewer lines cross levee. Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch clay sewer pipe through the levee, 10.2 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.50). FS Date: 3/12/2014 2:06:00 PM					

Photo 3 of 3 : UCIP_SP_2017_32021_58477.jpg



View of USA marker on waterward side.

LM Start	0.89	Rating **	M	Issue No.	52
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32022 DS_ID:20942 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm how many sewer lines cross levee. Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing. FIELD_STRUCT_DESC: 2 of 2: 4-inch clay sewer pipe through the levee, 10.2 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.50). FS Date: 3/12/2014					

Photo 1 of 3 : UCIP_SP_2017_32022_58480.jpg



Underground service alert (USA) marker on waterward shoulder for sewer line.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	52 (cont)	
LM End	0.89	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.238595 °	38.238595 °	
				-121.516945 °	-121.516945 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:32022 DS_ID:20942 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm how many sewer lines cross levee. Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing. FIELD_STRUCT_DESC: 2 of 2: 4-inch clay sewer pipe through the levee, 10.2 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.50). FS Date: 3/12/2014						

Photo 2 of 3 : UCIP_SP_2017_32022_58479.jpg



View of levee crown.

LM Start	0.89	Rating **	M	Issue No.	52 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_32022_58478.jpg



View of landward shoulder--USA marker.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	53
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238510 °	38.238510 °
				-121.516948 °	-121.516948 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43804					
DS_ID:25081					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No permit identified for crossing. Further investigation required.					
FIELD_STRUCT_DESC: 6-inch Sewer pipe through the levee at an unknown depth. USAA markings on pavement indicate crossing at center of ramp on LS slope.					
FS Date: 3/5/2015					

Photo 1 of 3 : UCIP_SP_2017_43804_73323.jpg



USAA SS marking on LS shoulder.

LM Start	0.89	Rating **	M	Issue No.	53 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_43804_73324.jpg



USAA SS marking on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	53 (cont)
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238510 °	38.238510 °
				-121.516948 °	-121.516948 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43804 DS_ID:25081 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for crossing. Further investigation required. FIELD_STRUCT_DESC: 6-inch Sewer pipe through the levee at an unknown depth. USAA markings on pavement indicate crossing at center of ramp on LS slope. FS Date: 3/5/2015					

Photo 3 of 3 : UCIP_SP_2017_43804_73325.jpg



Alignment through center of driver on LS shoulder.

LM Start	0.92	Rating **	U	Issue No.	54
LM End	0.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238126 °	38.238126 °
				-121.516908 °	-121.516908 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50027 DS_ID:20943 EP_NO: 2321 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 7/25/2016 Coordinated with District Engineer, Gilbert Labrie with DCC Engineering. He will coordinate with owner. (DWR UCIP - omagana)3/05/2015 Pipe leak at landside toe 23-ft upstream from pumphouse on LS toe. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 1.0-inch steel domestic water pipe through the levee, 1.5 feet below the crown. Shut off valve on the waterside (WS) and at the pumphouse downstream 170 feet on landside (LS) toe. Pump in pumphouse on LS toe. An additional 1.5-inch galvanized iron drinking water pipe runs from pumphouse along LS toe parallel to levee. (Permit No. 2321, 1957 - Clara B. Salisbury). FS Date: 7/25/2016					

Photo 1 of 3 : UCIP_SP_2017_50027_73243.jpg



Pressurized tank, meter and pump in pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.92	Rating **	U	Issue No.	54 (cont)	
LM End	0.92	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.238126 °		38.238126 °
				-121.516908 °		-121.516908 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50027						
DS_ID:20943						
EP_NO: 2321						
Repair Type: Urgent						
Crossing Status: Indicator Found						
UCIP Comments: 7/25/2016 Coordinated with District Engineer, Gilbert Labrie with DCC Engineering. He will coordinate with owner. (DWR UCIP - omagana)3/05/2015 Pipe leak at landside toe 23-ft upstream from pumphouse on LS toe. (DWR UCIP - omagana)						
FIELD_STRUCT_DESC: 1.0-inch steel domestic water pipe through the levee, 1.5 feet below the crown. Shut off valve on the waterside (WS) and at the pumphouse downstream 170 feet on landside (LS) toe. Pump in pumphouse on LS toe. An additional 1.5-inch galvanized iron drinking water pipe runs from pumphouse along LS toe parallel to levee. (Permit No. 2321, 1957 - Clara B. Salisbury).						
FS Date: 7/25/2016						

Photo 2 of 3 : UCIP_SP_2017_50027_73244.jpg



A 1-inch and a 1.5-inch galvanized iron drinking water pipe with shutoff valves at pumphouse on LS toe.

LM Start	0.92	Rating **	U	Issue No.	54 (cont)
LM End	0.92	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_SP_2017_50027_73246.jpg



Pipe leak at LS toe 23 ft upstream from pumphouse.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	0.93	Rating **	U	Issue No.	37
LM End	1.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237982 °	38.235820 °
				-121.516860 °	-121.517010 °
DWR ID	DWR_RD0554_01_s_2017_37				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Thin out the trees and remove the wild growth boocking view of the levee section.					

Photo 1 of 1 : SP_2017_RD0554_176_37_20170509_00055.jpg



Looking downstream from levee mile 0.93 waterside slope blocking the view of the levee slope.

LM Start	0.99	Rating **	M	Issue No.	6
LM End	0.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.237108 °	38.237108 °
				-121.516743 °	-121.516743 °
DWR ID	DWR_RD0554_01_s_2012_6				
Comment Code					
BU : Building					
Inspector Comment					
There is a permit applicatioon in process for this site reconstruction being submitted by Gil Labrie and his staff.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.09	Rating **	M	Issue No.	55
LM End	1.09	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235743 °	38.235743 °
				-121.517032 °	-121.517032 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43810 DS_ID:25083 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. Further investigation required. FIELD_STRUCT_DESC: Two 1-inch conduits through the levee 1-foot below the crown. Valves appear to be installed on LS shoulder. Dock on WS slope. FS Date: 3/5/2015					

LM Start	1.09	Rating **	M	Issue No.	55 (cont)
LM End	1.09	Issue Type +	En	Location *	WS

Pipes and valves visible on LS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.09	Rating **	M	Issue No.	55 (cont)
LM End	1.09	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235743 °	38.235743 °
				-121.517032 °	-121.517032 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43810 DS_ID:25083 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. Further investigation required. FIELD_STRUCT_DESC: Two 1-inch conduits through the levee 1-foot below the crown. Valves appear to be installed on LS shoulder. Dock on WS slope. FS Date: 3/5/2015					

Photo 3 of 3 : UCIP_SP_2017_43810_73330.jpg



Possible outlet on WS shoulder.

LM Start	1.11	Rating **	M	Issue No.	56
LM End	1.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235429 °	38.235429 °
				-121.517169 °	-121.517169 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43747 DS_ID:20930 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe should be abandoned properly. Pipe was visible just upstream of other pipe that was exposed for repair on WS slope. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3.7-feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.10). Pipe burried/abandoned in place. FS Date: 3/5/2015					

Photo 1 of 1 : UCIP_SP_2017_43747_73286.jpg



Abandoned pipe was exposed on WS slope when a trench was opened to repair the other 8-inch pipe at the site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.11	Rating **	M	Issue No.	57
LM End	1.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235422 °	38.235422 °
				-121.517172 °	-121.517172 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43748					
DS_ID:20911					
EP_NO: 5023					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe in open trench on WS slope and exposed on LS shoulder. Pipe repair on WS may indicate problem with pipe. Pipe missing air releif valve on LS shoulder. Distribution box on LS toe abandoned.					
FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.4 feet below the crown. Cutoff wall around center of pipe. Air-relief valve on landward levee shoulder. Pump on waterward slope. Concrete distribution box on LS toe (Permit No. 5023-1965).					
FS Date: 3/5/2015					

LM Start	1.11	Rating **	M	Issue No.	57 (cont)
LM End	1.11	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_SP_2017_43748_73289.jpg



Pipe in open trench on WS slope. Repair patch on pipe.

Photo 2 of 3 : UCIP_SP_2017_43748_73288.jpg



Pipe exposed on WS slope. pump, shutoff valve, and meter on pole on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	04/18/2017 04/18/2017	Herman Phillips

LM Start	1.11	Rating **	M	Issue No.	57 (cont)
LM End	1.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235422 °	38.235422 °
				-121.517172 °	-121.517172 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43748					
DS_ID:20911					
EP_NO: 5023					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe in open trench on WS slope and exposed on LS shoulder. Pipe repair on WS may indicate problem with pipe. Pipe missing air releif valve on LS shoulder. Distribution box on LS toe abandoned.					
FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.4 feet below the crown. Cutoff wall around center of pipe. Air-relief valve on landward levee shoulder. Pump on waterward slope. Concrete distribution box on LS toe (Permit No. 5023-1965).					
FS Date: 3/5/2015					

Photo 3 of 3 : UCIP_SP_2017_43748_73287.jpg



Pipe exposed on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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